



# NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),  
Proposed Sites for Community Importance (pSCI),  
Sites of Community Importance (SCI) and  
for Special Areas of Conservation (SAC)

SITE IT4070002

SITENAME Bardello

## TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

## 1. SITE IDENTIFICATION

<b>1.1 Type</b> C	<b>1.2 Site code</b> IT4070002	<a href="#">Back to top</a>
----------------------	-----------------------------------	-----------------------------

### 1.3 Site name

Bardello
----------

<b>1.4 First Compilation date</b> 1999-09	<b>1.5 Update date</b> 2021-12
--	-----------------------------------

### 1.6 Respondent:

<b>Name</b>	Regione Emilia-Romagna - Direzione Generale Cura del territorio e dell'ambiente - Servizio Aree protette, foreste e
<b>/Organisation:</b>	sviluppo della montagna
<b>Address:</b>	Viale Aldo Moro, 30 - 40127 Bologna
<b>Email:</b>	segrprn@regione.emilia-romagna.it

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	1999-08
<b>National legal reference of SPA designation</b>	Deliberazione della Giunta Regionale dell'Emilia-Romagna n. 2017 del 22 giugno 1999
<b>Date site proposed as SCI:</b>	1995-06
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2019-03
<b>National legal reference of SAC designation:</b>	DM 13/03/2019 - G.U. 79 del 03-04-2019

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

[Back to top](#)

**Longitude**  
12.238056

**Latitude**  
44.538333

## 2.2 Area [ha]:

100.0

## 2.3 Marine area [%]

0.0

## 2.4 Sitelength [km]:

0.0

## 2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITD5	Emilia-Romagna
------	----------------

## 2.6 Biogeographical Region(s)

Continental (100.0  
%)

## 3. ECOLOGICAL INFORMATION

[Back to top](#)

## 3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
1310B			0.15		G	B	C	B	B
1410B			1.51		G	C	C	C	C
1420B			1.62		G	B	C	B	A
2130B			11.58		G	A	C	A	A
2270B			0.08		G	B	C	B	B
3130B			2.92		G	A	C	A	A
3140B			1.57		G	B	C	B	B
3150B			2.05		G	B	C	B	A
3170B			0.43		G	A	C	A	A
3260B			0.3		G	B	C	B	B
6210B	X		5.29		G	B	C	B	A
6410B			24.96		G	A	C	A	A
6420B			13.34		G	B	C	A	A
7210B			1.43		G	A	C	A	A
91E0B			1.17		G	B	C	B	B
91F0B			0.16		G	B	C	B	B
92A0B			2.03		G	B	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

## 3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species	Population in the site	Site assessment
---------	------------------------	-----------------

G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A298	<a href="#">Acrocephalus arundinaceus</a>			c				P	DD	C	B	C	C
B	A298	<a href="#">Acrocephalus arundinaceus</a>			r				P	DD	C	B	C	C
B	A293	<a href="#">Acrocephalus melanopogon</a>			c				P	DD	C	B	C	B
B	A297	<a href="#">Acrocephalus scirpaceus</a>			c				P	DD	C	B	C	C
B	A297	<a href="#">Acrocephalus scirpaceus</a>			r				P	DD	C	B	C	C
B	A229	<a href="#">Alcedo atthis</a>			c				P	DD	C	B	C	B
B	A229	<a href="#">Alcedo atthis</a>			w				P	DD	C	B	C	B
B	A226	<a href="#">Apus apus</a>			c				P	DD	D			
B	A090	<a href="#">Aquila clanga</a>			c				P	DD	C	B	C	B
B	A029	<a href="#">Ardea purpurea</a>			r	1	1	p		G	C	B	C	C
B	A029	<a href="#">Ardea purpurea</a>			c				P	DD	C	B	C	C
B	A024	<a href="#">Ardeola ralloides</a>			c				P	DD	C	B	C	A
B	A060	<a href="#">Aythya nyroca</a>			r	1	1	i		G	B	B	C	B
B	A060	<a href="#">Aythya nyroca</a>			c				P	DD	B	B	C	B
B	A060	<a href="#">Aythya nyroca</a>			p				R	DD	B	B	C	B
B	A021	<a href="#">Botaurus stellaris</a>			c				P	DD	C	B	C	B
B	A196	<a href="#">Chlidonias hybridus</a>			c				P	DD	C	B	C	B
B	A197	<a href="#">Chlidonias niger</a>			c				P	DD	C	B	C	B
B	A031	<a href="#">Ciconia ciconia</a>			c				P	DD	C	B	C	B
B	A081	<a href="#">Circus aeruginosus</a>			c				P	DD	C	B	C	C
B	A081	<a href="#">Circus aeruginosus</a>			p				R	DD	C	B	C	C
B	A081	<a href="#">Circus aeruginosus</a>			w				P	DD	C	B	C	C
B	A082	<a href="#">Circus cyaneus</a>			c				P	DD	C	B	C	C
B	A082	<a href="#">Circus cyaneus</a>			w				P	DD	C	B	C	C
B	A084	<a href="#">Circus pygargus</a>			c				P	DD	C	B	C	B
B	A122	<a href="#">Crex crex</a>			c				P	DD	D			
B	A212	<a href="#">Cuculus canorus</a>			c				P	DD	C	B	C	C
B	A212	<a href="#">Cuculus canorus</a>			r				P	DD	C	B	C	C
B	A253	<a href="#">Delichon urbica</a>			c				P	DD	D			
B	A027	<a href="#">Egretta alba</a>			w				P	DD	C	B	C	A
B	A027	<a href="#">Egretta alba</a>			c				P	DD	C	B	C	A
B	A026	<a href="#">Egretta garzetta</a>			w				P	DD	C	B	C	A
B	A026	<a href="#">Egretta garzetta</a>			c				P	DD	C	B	C	A
B	A379	<a href="#">Emberiza hortulana</a>			r				P	DD	C	B	C	B
B	A379	<a href="#">Emberiza hortulana</a>			c				P	DD	C	B	C	B
R	1220	<a href="#">Emys orbicularis</a>			p				C	DD	C	B	C	B
B	A099	<a href="#">Falco subbuteo</a>			c				P	DD	C	A	C	B
B	A099	<a href="#">Falco subbuteo</a>			r				P	DD	C	A	C	B
B	A097	<a href="#">Falco vespertinus</a>			c				P	DD	C	B	C	B
B	A189	<a href="#">Gelochelidon nilotica</a>			c				P	DD	C	B	C	B
B	A131	<a href="#">Himantopus himantopus</a>			c				P	DD	C	B	C	A

B	A300	<a href="#">Hippolais polyglotta</a>			r				P	DD	C	B	C	C
B	A300	<a href="#">Hippolais polyglotta</a>			c				P	DD	C	B	C	C
B	A251	<a href="#">Hirundo rustica</a>			c				P	DD	D			
B	A022	<a href="#">Ixobrychus minutus</a>			r				P	DD	C	B	C	C
B	A022	<a href="#">Ixobrychus minutus</a>			c				P	DD	C	B	C	C
B	A233	<a href="#">Jynx torquilla</a>			c				P	DD	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>			c				P	DD	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>			r				R	DD	C	B	C	C
B	A176	<a href="#">Larus melanocephalus</a>			c				P	DD	C	B	C	B
B	A271	<a href="#">Luscinia megarhynchos</a>			c				P	DD	C	B	C	B
B	A271	<a href="#">Luscinia megarhynchos</a>			r				P	DD	C	B	C	B
I	1060	<a href="#">Lycaena dispar</a>			p				P	DD	C	A	B	C
B	A260	<a href="#">Motacilla flava</a>			c				P	DD	C	B	C	C
B	A260	<a href="#">Motacilla flava</a>			r				P	DD	C	B	C	C
B	A319	<a href="#">Muscicapa striata</a>			c				P	DD	C	B	C	C
B	A319	<a href="#">Muscicapa striata</a>			r				P	DD	C	B	C	C
B	A023	<a href="#">Nycticorax nycticorax</a>			c				P	DD	C	B	C	A
B	A337	<a href="#">Oriolus oriolus</a>			c				P	DD	C	B	C	C
A	1199	<a href="#">Pelobates fuscus</a> <a href="#">insubricus</a>			p				P	DD	B	B	A	B
B	A072	<a href="#">Pernis apivorus</a>			c				P	DD	C	B	C	B
B	A274	<a href="#">Phoenicurus</a> <a href="#">phoenicurus</a>			c				P	DD	D			
B	A032	<a href="#">Plegadis falcinellus</a>			c				P	DD	C	B	C	B
B	A120	<a href="#">Porzana parva</a>			c				P	DD	C	B	C	B
B	A119	<a href="#">Porzana porzana</a>			c				P	DD	C	B	C	B
A	1215	<a href="#">Rana latastei</a>			p				P	DD	B	B	B	B
B	A210	<a href="#">Streptopelia turtur</a>			c				P	DD	C	B	C	B
B	A210	<a href="#">Streptopelia turtur</a>			r				P	DD	C	B	C	B
B	A304	<a href="#">Sylvia cantillans</a>			c				P	DD	D			
B	A309	<a href="#">Sylvia communis</a>			r				P	DD	C	B	C	B
B	A309	<a href="#">Sylvia communis</a>			c				P	DD	C	B	C	B
A	1167	<a href="#">Triturus carnifex</a>			p				P	DD	C	B	C	C
B	A232	<a href="#">Upupa epops</a>			r				P	DD	C	B	C	C
B	A232	<a href="#">Upupa epops</a>			c				P	DD	C	B	C	C

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

### 3.3 Other important species of flora and fauna (optional)

Species	Population in the site	Motivation

Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max			C R V P	IV	V	A	B	C
P		<a href="#">Allium suaveolens</a>						P			X			
P		<a href="#">Anacamptis laxiflora</a>						P						X
P		<a href="#">Anacamptis palustris</a>						P			X			
P		<a href="#">Anacamptis pyramidalis</a>						P					X	
P		<a href="#">Anagallis minima</a>						P						X
P		<a href="#">Baldellia ranunculoides</a>						P			X			
A	6962	<a href="#">Bufotes viridis Complex</a>						P	X					
I		<a href="#">Carabus clathratus antonellii</a>						P			X			
P		<a href="#">Carex viridula</a>						P						X
R	2437	<a href="#">Chalcides chalcides</a>						P					X	
I		<a href="#">Chamaesphecia palustris</a>						P						X
P		<a href="#">Cladium mariscus</a>						P						X
P	5425	<a href="#">Cladonia convoluta</a>						P		X				
R	1281	<a href="#">Elaphe longissima</a>						P	X					
P		<a href="#">Eleocharis uniglumis uniglumis</a>						P						X
P		<a href="#">Epipactis palustris</a>						P						X
M	1327	<a href="#">Eptesicus serotinus</a>						P	X					
P		<a href="#">Euphorbia palustris</a>						P						X
P		<a href="#">Hottonia palustris</a>						P			X			
P		<a href="#">Hydrocotyle vulgaris</a>						P			X			
A	5358	<a href="#">Hyla intermedia</a>						P	X					
I		<a href="#">Hyphydrus anaticus</a>						P						X
M	5365	<a href="#">Hypsugo savii</a>						P	X					
P		<a href="#">Juncus subnodulosus</a>						P						X
R	5179	<a href="#">Lacerta bilineata</a>						P	X					
A		<a href="#">Lissotriton vulgaris</a>						P			X			
I		<a href="#">Lymnaea stagnalis</a>						P						X
P		<a href="#">Lythrum hyssopifolia</a>						P						X
M	1358	<a href="#">Mustela putorius</a>						P		X				
P		<a href="#">Oenanthe aquatica</a>						P						X
P		<a href="#">Oenanthe fistulosa</a>						P						X
P		<a href="#">Oenanthe lachenalii</a>						P						X
P		<a href="#">Orchis coriophora</a>						C					X	
P		<a href="#">Orchis palustris</a>						C			X			
M	2016	<a href="#">Pipistrellus kuhlii</a>						P	X					
P		<a href="#">Plantago cornutii</a>						P						X
R	1250	<a href="#">Podarcis sicula</a>						P	X					
A	1209	<a href="#">Rana dalmatina</a>						P	X					
P		<a href="#">Riccia cavernosa</a>						P						X
P	1849	<a href="#">Ruscus aculeatus</a>						P		X				
P		<a href="#">Samolus valerandi</a>						P						X

P		<a href="#">Schoenoplectus tabernaemontani</a>						P							X
P		<a href="#">Sium latifolium</a>						P							X
P		<a href="#">Tripidium ravennae</a>						P							X
P		<a href="#">Typha minima</a>						P					X		
P		<a href="#">Veronica catenata</a>						P							X
I	1053	<a href="#">Zerynthia polyxena</a>						P	X						

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

## 4. SITE DESCRIPTION

### 4.1 General site character

[Back to top](#)

Habitat class	% Cover
N07	98.0
N17	2.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Rarissimo esempio di prateria umida, periodicamente allagata, alternata a dossi sabbiosi con prati xerici e boscaglia e a bassure acquitrinose con canneto.

### 4.2 Quality and importance

Specie vegetali CORINE appendice K: Typha minima, Orchis coriophora, Orchis palustris. RARE: Typha minima, Orchis coriophora. RARISSIME e MINACCIATE: Juncus subnodulosus, Lythrum hissopifolia, Riccia cavernosa, Oenanthe aquatica, Orchis palustris, Hottonia palustris, Hydrocotyle vulgaris, Allium suaveolens, Anagallis minima, Baldellia ranunculoides, Eleocharis uniglumis, Oenanthe fistulosa. Specie animali: Chalcides chalcides, entità olomediterranea, in regione legata ad ambienti costieri e del Contrafforte Pliocenico che presentano caratteristiche bioclimatiche e vegetazionali di tipo mediterraneo. Scarse conoscenze sulle distribuzioni ed ecologia di popolazione. Distribuzione frammentaria. Chamaesphecia palustris: specie legata ad habitat palustri, di cui Punta Alberete e il limitrofo Bardello costituiscono l'unica stazione italiana. Dicranthus majzlani: popolazione relitta, legata ai fragmiteti. La popolazione di Emys orbicularis del Bardello e della adiacente Valle Mandriole trova qui substrati ideali per la deposizione delle uova. Nidificazione irregolare di Aythya nyroca.

### 4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	B29		i
M	G14		i
M	A08		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

### 4.4 Ownership (optional)

### 4.5 Documentation

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT04	100.0				

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT04	Parco Regionale Delta del Po	-	100.0

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	ENTE GESTORE: Ente di Gestione per i Parchi e la Biodiversità Delta del Po
Address:	recapiti ed email consultabili sul web: <a href="http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi">http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi</a>
Email:	-

### 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Piani di Gestione del sito IT4070002 - Bardello Link: <a href="http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/strumenti-di-gestione/misure-specifiche-di-conservazione-piani-di-gestione/elenco-documenti-approvati-per-sito-piani-di-gestione">http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/strumenti-di-gestione/misure-specifiche-di-conservazione-piani-di-gestione/elenco-documenti-approvati-per-sito-piani-di-gestione</a>
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

### 6.3 Conservation measures (optional)

Le Misure Specifiche di Conservazione sono consultabili alla pagina web del sito: <http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/siti/it4070002>

## 7. MAP OF THE SITES

[Back to top](#)

INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes  No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

223NE 1:25.000 UTM